

UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY PROCESS DATE 12-10-09  
MISCELLANEOUS STATION ANALYSES

		Alpha	Gross	
		radio-	beta	
		activity	radioac	
Date	Time	Sample type code	water, fltrd,	
		Th-230, pCi/L	water, fltrd,	
		(04126)	Cs-137, pCi/L	
			(03515)	

380329097363706 23S 03W 12CCCC06 RRW-01 SOURCE WATER (LAT 38 03 29N LONG 097 36 37W)

JUN 2009

18...	1125	9	R.5	2.2
18...	1126	9	--	--
18...	1130	9	--	--
18...	1135	7	--	--

380235097364004 23S 03W 23AAAA04 RRW-02 SOURCE WATER (LAT 38 02 35N LONG 097 36 40W)

JUN 2009

18...	1345	9	1.8	1.4
18...	1346	9	--	--
18...	1350	9	--	--
18...	1355	7	--	--

380145097363604 23S 03W 24CCCC04 RRW-03 SOURCE WATER (LAT 38 01 45N LONG 097 36 36W)

JUN 2009

24...	1030	9	R.2	1.7
24...	1031	9	--	--
24...	1035	9	--	--
24...	1040	7	--	--

380050097363604 23S 03W 36BBBB04 RW-01 SOURCE WATER (LAT 38 00 50N LONG 097 36 36W)

JUN 2009

24...	1230	9	R.4	1.8
24...	1231	9	--	--
24...	1235	9	--	--
24...	1240	7	--	--

375954097363803 24S 03W 02AAAA03 RB-01 SOURCE WATER (LAT 37 59 54N LONG 097 36 38W)

APR 2009

03...	1215	9	--	--
03...	1216	9	--	--
03...	1220	7	--	--
14...	1140	9	--	--
14...	1141	9	--	--
17...	1110	9	--	--
17...	1111	9	--	--

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Date	Time	Sample type	Depth of well, feet below LSD	Depth to water level, feet below LSD	Elev- ation, feet above NGVD	Alpha activty Th-230, pCi/L	Gross radioac- water, fltrd, Cs-137, pCi/L	Gross beta radioac- water, fltrd, (04126) (03515)
		code	(72008)	(72019)	(72020)			

380336097363701 23S 03W 12CCBC01 RR1-MN (LAT 38 03 35N LONG 097 36 36W)

JUL 2009

10...	0940	9	125.39	38.61	--	.6	2.8
10...	0941	9	125.39	--	--	--	--
10...	0945	9	125.39	38.61	--	--	--
10...	0950	7	125.39	38.61	--	--	--

380323097363801 23S 03W 14AAAA01 RR1-MS (LAT 38 03 23N LONG 097 36 38W)

JUN 2009

22...	1055	9	101.76	29.36	--	1.0	1.6
22...	1056	9	101.76	--	--	--	--
22...	1100	9	101.76	29.36	--	--	--
22...	1105	7	101.76	29.36	--	1.7	2.1
22...	1106	7	101.76	--	--	--	--
22...	1110	7	101.76	29.36	--	--	--

380329097363701 23S 03W 12CCCC01 IW-02A SHALLOW (LAT 38 03 29N LONG 097 36 37W)

JUN 2009

04...	1010	9	26.95	6.65	1442.73	--	--
04...	1011	9	26.95	--	--	--	--
04...	1015	7	26.95	6.65	1442.73	--	--

380329097363702 23S 03W 12CCCC02 IW-02C DEEP (LAT 38 03 29N LONG 097 36 37W)

JUN 2009

04...	1125	9	97.10	31.55	1417.95	--	--
04...	1126	9	97.10	--	--	--	--
04...	1130	7	97.10	31.55	1417.95	--	--

380241097363801 23S 03W 14DDDA01 RR2-MN (LAT 38 02 40N LONG 097 36 38W)

JUN 2009

23...	1005	9	269.53	28.48	--	R.4	2.3
23...	1006	9	269.53	--	--	--	--
23...	1010	9	269.53	28.48	--	--	--
23...	1015	7	269.53	28.48	--	--	--

380228097363801 23S 03W 23AADA01 RR2-MS (LAT 38 02 28N LONG 097 36 38W)

JUN 2009

23...	1205	9	248.84	21.04	--	R.8	2.6
23...	1206	9	248.84	--	--	--	--

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		code	(72008)	(72019)	(72020)	(04126)	(03515)	

380228097363801 23S 03W 23AADA01 RR2-MS (LAT 38 02 28N LONG 097 36 38W)

JUN 2009

23...	1210	9	248.84	21.04	--	--	--
23...	1215	7	248.84	21.04	--	--	--

380148097363801 23S 03W 23DDDD01 RR3-MN-1 (LAT 38 01 48N LONG 097 36 37W)

JUN 2009

22...	1045	9	250.09	24.09	--	.6	2.3
22...	1046	9	250.09	--	--	--	--
22...	1050	9	250.09	24.09	--	--	--
22...	1055	7	250.09	24.09	--	--	--

380142097363702 23S 03W 25BBBB02 RR3-MS-1 (LAT 38 01 41N LONG 097 36 37W)

JUN 2009

22...	1240	9	243.74	20.72	--	1.1	2.4
22...	1241	9	243.74	--	--	--	--
22...	1245	9	243.74	20.72	--	--	--
22...	1250	7	243.74	20.72	--	--	--

380056097363801 23S 03W 26DDDD01 RR4-MN (LAT 38 00 56N LONG 097 36 37W)

JUN 2009

24...	1030	9	125.63	21.85	--	.6	2.3
24...	1031	9	125.63	--	--	--	--
24...	1035	9	125.63	21.85	--	--	--
24...	1040	7	125.63	21.85	--	--	--

380042097363701 23S 03W 36BBBB01 RR4-MS (LAT 38 00 42N LONG 097 36 37W)

JUN 2009

24...	1220	9	129.98	18.92	--	1.0	2.4
24...	1221	9	129.98	--	--	--	--
24...	1225	9	129.98	18.92	--	--	--
24...	1230	7	129.98	18.92	--	--	--

375958097364601 24S 03W 02AABB01 RB1-MN SHALLOW (LAT 37 59 58N LONG 097 36 46W)

FEB 2009

09...	1020	9	60.05	14.72	1417.55	--	--
09...	1021	9	60.05	--	--	--	--

APR

01...	1110	9	60.05	14.56	1417.71	--	--
01...	1111	9	60.05	--	--	--	--
01...	1115	7	60.05	14.56	1417.71	--	--

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Date	Time	Sample type	Depth of well, feet below LSD	Depth to water level, feet below LSD	Elev- ation, feet above NGVD	Alpha activty Th-230, pCi/L	Gross radio- water, fltrd, Cs-137, pCi/L	Gross beta radioac
		code	(72008)	(72019)	(72020)	(04126)	(03515)	

375958097364601 24S 03W 02AABB01 RB1-MN SHALLOW (LAT 37 59 58N LONG 097 36 46W)

APR 2009								
21...	0955	9	60.05	14.43	1417.84	--	--	--
21...	0956	9	60.05	--	--	--	--	--
JUN								
25...	1000	9	60.05	13.37	1418.90	3.1	4.8	
25...	1001	9	60.05	--	--	--	--	--
25...	1005	9	60.05	13.37	1418.90	--	--	--
25...	1010	7	60.05	13.37	1418.90	--	--	--
JUL								
14...	1025	9	60.05	14.23	1418.04	--	--	--
14...	1026	9	60.05	--	--	--	--	--
14...	1030	7	60.05	14.23	1418.04	--	--	--
AUG								
19...	0955	9	60.05	15.09	1417.18	--	--	--
19...	0956	9	60.05	--	--	--	--	--
19...	1000	7	60.05	15.09	1417.18	--	--	--
19...	0957	7	60.05	--	--	--	--	--
NOV								
18...	1000	9	60.05	14.52	1417.75	--	--	--
18...	1005	7	60.05	14.52	1417.75	--	--	--

375958097364602 24S 03W 02AABB02 RB1-MN DEEP (LAT 37 59 58N LONG 097 36 46W)

FEB 2009								
09...	1150	9	249.38	21.42	1410.52	--	--	--
09...	1151	9	249.38	--	--	--	--	--
APR								
01...	1240	9	249.38	21.11	1410.83	--	--	--
01...	1241	9	249.38	--	--	--	--	--
01...	1245	9	249.38	21.11	1410.83	--	--	--
21...	1115	9	249.38	22.36	1409.58	--	--	--
21...	1116	9	249.38	--	--	--	--	--
01...	1242	7	249.38	--	--	--	--	--
JUN								
25...	1200	9	249.38	23.27	1408.67	R.4	2.8	
25...	1201	9	249.38	--	--	--	--	--
25...	1205	9	249.38	23.27	1408.67	--	--	--
25...	1210	7	249.38	23.27	1408.67	.6	2.6	
25...	1211	7	249.38	--	--	--	--	--
25...	1215	7	249.38	23.27	1408.67	--	--	--
JUL								
14...	1200	9	249.38	24.18	1407.76	--	--	--
14...	1201	9	249.38	--	--	--	--	--
14...	1205	7	249.38	24.18	1407.76	--	--	--
AUG								
19...	1125	9	249.38	26.28	1405.66	--	--	--
19...	1126	9	249.38	--	--	--	--	--
19...	1130	7	249.38	26.28	1405.66	--	--	--

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Date	Time	Sample type	Depth of well, feet below LSD	Depth to water level, feet below LSD	Elev- ation, feet above NGVD	Alpha activty Th-230, pCi/L	Gross radioac- water, fltrd, Cs-137, pCi/L	Gross beta
		code	(72008)	(72019)	(72020)	(04126)	(03515)	

375958097364602 24S 03W 02AABB02 RB1-MN DEEP (LAT 37 59 58N LONG 097 36 46W)

NOV 2009

18...	1130	9	249.38	21.22	1410.72	--	--
18...	1135	7	249.38	21.22	1410.72	--	--

375954097363801 24S 03W 02AADA01 RB1-MS SHALLOW (LAT 37 59 54N LONG 097 36 38W)

FEB 2009

04...	1005	9	60.12	13.97	1416.48	--	--
04...	1006	9	60.12	--	--	--	--

MAR

24...	1135	9	60.12	13.67	1416.78	--	--
24...	1136	9	60.12	--	--	--	--
24...	1140	7	60.12	13.67	1416.78	--	--

APR

06...	1010	9	60.12	13.17	1417.28	--	--
06...	1011	9	60.12	--	--	--	--
06...	1015	7	60.12	13.17	1417.28	--	--
09...	1005	9	60.12	13.04	1417.41	--	--
09...	1006	9	60.12	--	--	--	--
09...	1010	7	60.12	13.04	1417.41	--	--
16...	1015	9	60.12	13.05	1417.40	--	--
16...	1016	9	60.12	--	--	--	--
20...	1005	9	60.12	13.07	1417.38	--	--
20...	1006	9	60.12	--	--	--	--

MAY

06...	1025	9	60.12	12.95	1417.50	--	--
06...	1026	9	60.12	--	--	--	--
06...	1030	7	60.12	12.95	1417.50	--	--
20...	1005	9	60.12	12.60	1417.85	--	--
20...	1006	9	60.12	--	--	--	--
20...	1010	7	60.12	12.60	1417.85	--	--

JUN

25...	1000	9	60.12	12.58	1417.87	2.6	3.5
25...	1001	9	60.12	--	--	--	--
25...	1005	9	60.12	12.58	1417.87	--	--
25...	1010	7	60.12	12.58	1417.87	--	--

JUL

08...	1020	9	60.12	15.35	1415.10	--	--
08...	1021	9	60.12	--	--	--	--
08...	1025	7	60.12	15.35	1415.10	--	--
13...	1015	9	60.12	15.50	1414.95	--	--
13...	1016	9	60.12	--	--	--	--
13...	1020	7	60.12	15.50	1414.95	--	--
20...	1015	9	60.12	15.68	1414.77	--	--
20...	1016	9	60.12	--	--	--	--
20...	1020	7	60.12	15.68	1414.77	--	--

AUG

18...	1010	9	60.12	14.51	1415.94	--	--
18...	1011	9	60.12	--	--	--	--

18...	1015	7	60.12	14.51	1415.94	--	--
NOV							
18...	1005	9	60.12	13.55	1416.90	--	--
18...	1010	7	60.12	13.55	1416.90	--	--

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Date	Time	Sample type code	Depth of well, feet below LSD	Depth to water level, feet below LSD	Elev- ation, feet above NGVD	Alpha activty Th-230, pCi/L	Gross radio- water, fltrd, Cs-137, pCi/L	Gross beta radioac
			(72008)	(72019)	(72020)	(04126)	(03515)	
375954097363802 24S 03W 02AADA02 RB1-MS DEEP (LAT 37 59 54N LONG 097 36 38W)								
<b>FEB 2009</b>								
04...	1140	9	261.40	21.38	1409.02	--	--	--
04...	1141	9	261.40	--	--	--	--	--
<b>MAR</b>								
24...	1305	9	261.40	20.75	1409.65	--	--	--
24...	1306	9	261.40	--	--	--	--	--
24...	1310	7	261.40	20.75	1409.65	--	--	--
<b>APR</b>								
06...	1140	9	261.40	20.66	1409.74	--	--	--
06...	1141	9	261.40	--	--	--	--	--
06...	1145	9	261.40	20.66	1409.74	--	--	--
09...	1135	9	261.40	20.18	1410.22	--	--	--
09...	1136	9	261.40	--	--	--	--	--
09...	1140	7	261.40	20.18	1410.22	--	--	--
16...	1140	9	261.40	23.84	1406.56	--	--	--
16...	1141	9	261.40	--	--	--	--	--
20...	1135	9	261.40	21.58	1408.82	--	--	--
20...	1136	9	261.40	--	--	--	--	--
<b>MAY</b>								
06...	1150	9	261.40	22.14	1408.26	--	--	--
06...	1151	9	261.40	--	--	--	--	--
06...	1155	7	261.40	22.14	1408.26	--	--	--
20...	1140	9	261.40	20.57	1409.83	--	--	--
20...	1141	9	261.40	--	--	--	--	--
20...	1145	7	261.40	20.57	1409.83	--	--	--
<b>JUN</b>								
25...	1145	9	261.40	23.29	1407.11	1.2	2.6	--
25...	1146	9	261.40	--	--	--	--	--
25...	1150	9	261.40	23.29	1407.11	--	--	--
25...	1155	7	261.40	23.29	1407.11	--	--	--
<b>JUL</b>								
08...	1205	9	261.40	23.95	1406.45	--	--	--
08...	1206	9	261.40	--	--	--	--	--
08...	1210	7	261.40	23.95	1406.45	--	--	--
13...	1155	9	261.40	23.90	1406.50	--	--	--
13...	1156	9	261.40	--	--	--	--	--
13...	1200	7	261.40	23.90	1406.50	--	--	--
20...	1240	9	261.40	24.08	1406.32	--	--	--
20...	1241	9	261.40	--	--	--	--	--
20...	1245	7	261.40	24.08	1406.32	--	--	--
<b>AUG</b>								
18...	1145	9	261.40	27.20	1403.20	--	--	--
18...	1146	9	261.40	--	--	--	--	--
18...	1150	7	261.40	27.20	1403.20	--	--	--
<b>NOV</b>								
18...	1135	9	261.40	20.73	1409.67	--	--	--
18...	1140	7	261.40	20.73	1409.67	--	--	--

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 MISCELLANEOUS STATION ANALYSES

Date	Time	Sample type	Depth code	Depth of well, feet below LSD	Depth to water, feet below LSD	Alpha activty Th-230, (72008)	Gross radioac water, filtrd, Cs-137, pCi/L (04126)	Gross beta water, filtrd, pCi/L (03515)
				(72008)	(72019)	(04126)	(03515)	

375906097365001 24S 03W 11AABB01 RB2-MN SHALLOW (LAT 37 59 06N LONG 097 36 49W)

MAY 2009						
07...	1030	9	56.98	9.24	--	--
07...	1031	9	56.98	--	--	--
07...	1035	9	56.98	9.24	--	--
JUL						
16...	0950	9	56.98	10.45	.5	4.8
16...	0951	9	56.98	--	--	--
16...	0955	9	56.98	10.45	--	--
	1000	7	56.98	10.45	--	--

375906097365002 24S 03W 11AABB02 RB2-MN DEEP (LAT 37 59 06N LONG 097 36 49W)

MAY 2009						
07...	1150	9	259.25	43.83	--	--
07...	1151	9	259.25	--	--	--
07...	1155	9	259.25	43.83	--	--
JUL						
16...	1145	9	259.25	20.82	2.0	3.9
16...	1146	9	259.25	--	--	--
16...	1150	9	259.25	20.82	--	--
	1155	7	259.25	20.82	--	--

375902097363801 24S 03W 11AADA01 RB2-MS SHALLOW (LAT 37 59 02N LONG 097 36 37W)

MAY 2009						
11...	1025	9	59.43	10.16	--	--
11...	1026	9	59.43	--	--	--
11...	1030	7	59.43	10.16	--	--
JUL						
16...	1000	9	59.43	11.82	1	2.9
16...	1001	9	59.43	--	--	--
16...	1005	9	59.43	11.82	--	--
	1010	7	59.43	11.82	--	--

375902097363802 24S 03W 11AADA02 RB2-MS DEEP (LAT 37 59 02N LONG 097 36 37W)

MAY 2009						
11...	1150	9	255.80	57.55	--	--
11...	1151	9	255.80	--	--	--
11...	1155	7	255.80	57.55	--	--
JUL						
16...	1140	9	255.80	22.67	2.4	2.2

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Date	Time	Sample type	Depth code	Depth below LSD	Depth to water level, feet	Depth below LSD
		well,				
		feet				
		below				
		LSD				
		(72008)	(72019)			

375902097363802 24S 03W 11AADA02 RB2-MS DEEP (LAT 37 59 02N LONG 097 36 37W)

JUL 2009

16...	1141	9	255.80	--
16...	1145	9	255.80	22.67
16...	1150	7	255.80	22.67

Remark codes used in this table:  
R -- Radchem non-detect, below ssLc